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# Claims

[c1] 1. A bicycle derailleur adapted to be mounted to a bicycle frame, wherein the derailleur comprises:
a mounting member adapted to be mounted to the bicycle frame;
a base member pivotably mounted relative to the mounting member;
a biasing mechanism that biases the base member clockwise relative to the mounting member when viewed laterally outwardly from the base member;
a chain guide;
a coupling mechanism coupled between the base member and the chain guide so that the chain guide moves relative to the base member; and
a rotation restricting mechanism disposed in a force communicating path between the mounting member and the base member to restrict counterclockwise rotation of the base member relative to the mounting member.

[c2] 2. The derailleur according to claim 1 wherein the mounting member is structured to be mounted to a rear wheel hub axle.

[c3] 3. The derailleur according to claim 1 wherein the

mounting member is structured to be mounted to a bicycle frame member that is spaced apart from a rear wheel hub axle.

[c4] 4. The derailleur according to claim 1 wherein the rotation restricting mechanism comprises a resilient shock absorber.

[c5] 5. The derailleur according to claim 1 wherein the rotation restricting mechanism comprises:
a first rotation restricting component; and
a second rotation restricting component;
wherein the first rotation restricting component engages the second rotation restricting component to restrict counterclockwise rotation of the base member relative to the mounting member.

[c6] 6. The derailleur according to claim 5 wherein one of the first rotation restricting component and the second rotation restricting component is disposed on the mounting member.

[c7] 7. The derailleur according to claim 5 wherein at least one of the first rotation restricting component and the second rotation restricting component comprises a resilient shock absorber.

[c8] 8. The derailleur according to claim 7 wherein the shock

absorber comprises an elastic member.

[c9] 9. The derailleur according to claim 5 wherein the first rotation restricting component is disposed on the base member, wherein the mounting member comprises a stopper plate comprising:
a first protrusion adapted to engage the bicycle frame to set a rotational position of the stopper plate relative to the bicycle frame; and
a second protrusion adapted to engage a first protrusion on the base member to set a rotational position of the stopper plate relative to the base member; and
wherein the second rotation restricting component is disposed on the stopper plate.

[c10] 10. The derailleur according to claim 9 wherein the first rotation restricting component comprises a second protrusion disposed on the base member, and wherein the second rotation restricting component comprises a third protrusion disposed on the stopper plate that engages the second protrusion on the base member.

[c11] 11. The derailleur according to claim 10 wherein the second rotation restricting component further comprises a shock absorber disposed between the third protrusion on the stopper plate and the second protrusion on the base member.

[c12] 12. The derailleur according to claim 11 wherein the shock absorber comprises an elastic member.

[c13] 13. The derailleur according to claim 5 wherein at least one of the first rotation restricting component and the second rotation restricting component comprises an adjusting member that can be advanced and retracted relative to the other one of the first rotation restricting component and the second rotation restricting component.

[c14] 14. The derailleur according to claim 13 wherein the one of the first rotation restricting component and the second rotation restricting component comprises a threaded member.

[c15] 15. The derailleur according to claim 13 wherein the first rotation restricting component is disposed on the base member, and wherein the second rotation restricting component comprises an adjusting member that can be advanced and retracted relative to the first rotation restricting component.

[c16] 16. The derailleur according to claim 15 wherein the first rotation restricting component comprises a first protrusion disposed on the base member.

[c17] 17. The derailleur according to claim 16 wherein the

second rotation restricting component comprises a threaded member.

[c18] 18. The derailleur according to claim 16 wherein the second rotation restricting component is disposed on the mounting member.

[c19] 19. The derailleur according to claim 18 wherein the second rotation restricting component further comprises a resilient shock absorber.

[c20] 20. The derailleur according to claim 19 wherein the second rotation restricting component further comprises a guide that forms an interior space, and wherein the adjusting member is disposed in the interior space.

[c21] 21. The derailleur according to claim 20 wherein the shock absorber is disposed in the interior space.

[c22] 22. The derailleur according to claim 21 wherein the shock absorber comprises an elastic member.

[c23] 23. The derailleur according to claim 18 wherein the first rotation restricting component further comprises a resilient shock absorber.

[c24] 24. The derailleur according to claim 23 wherein the second rotation restricting component further comprises a guide that forms an interior space, and wherein the

adjusting member is disposed in the interior space.

[c25] 25. The derailleur according to claim 24 wherein the shock absorber is disposed on the first protrusion.

[c26] 26. The derailleur according to claim 25 wherein the shock absorber comprises an elastic member.